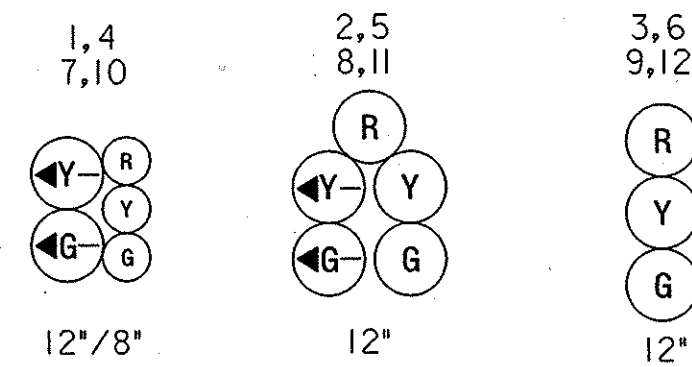
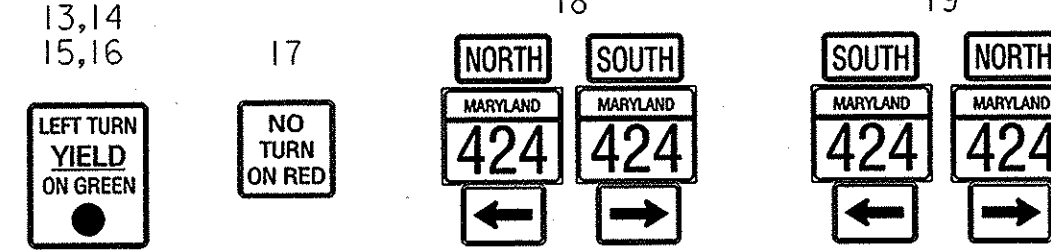


MD 450 IS ASSUMED TO
RUN IN A EAST-WEST DIRECTION

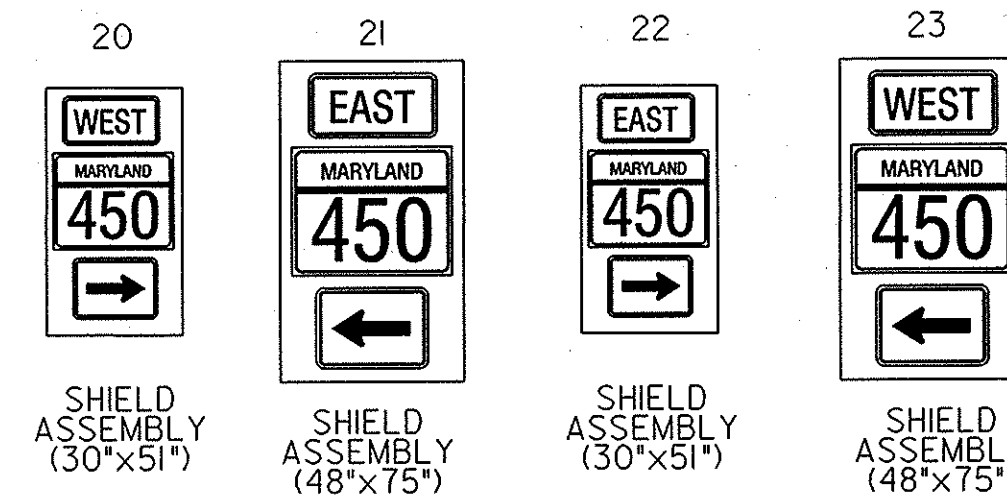
PROPOSED LED SIGNALS



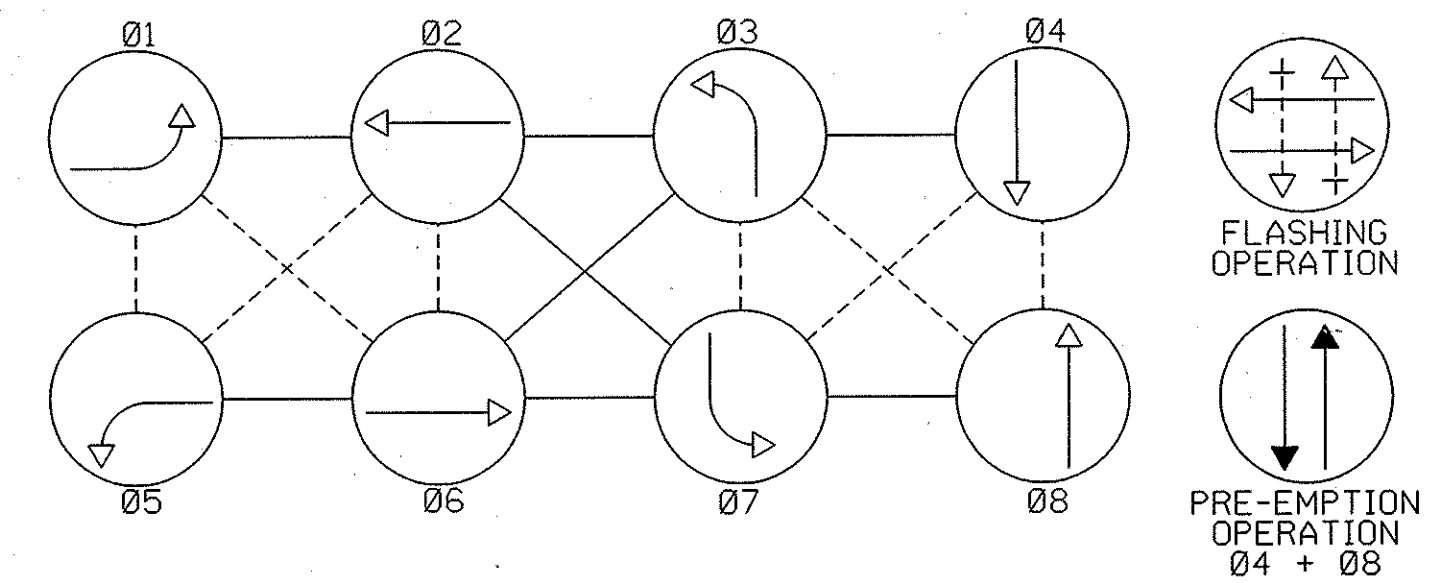
EXISTING SIGNS



PROPOSED SIGNS



NEMA PHASING

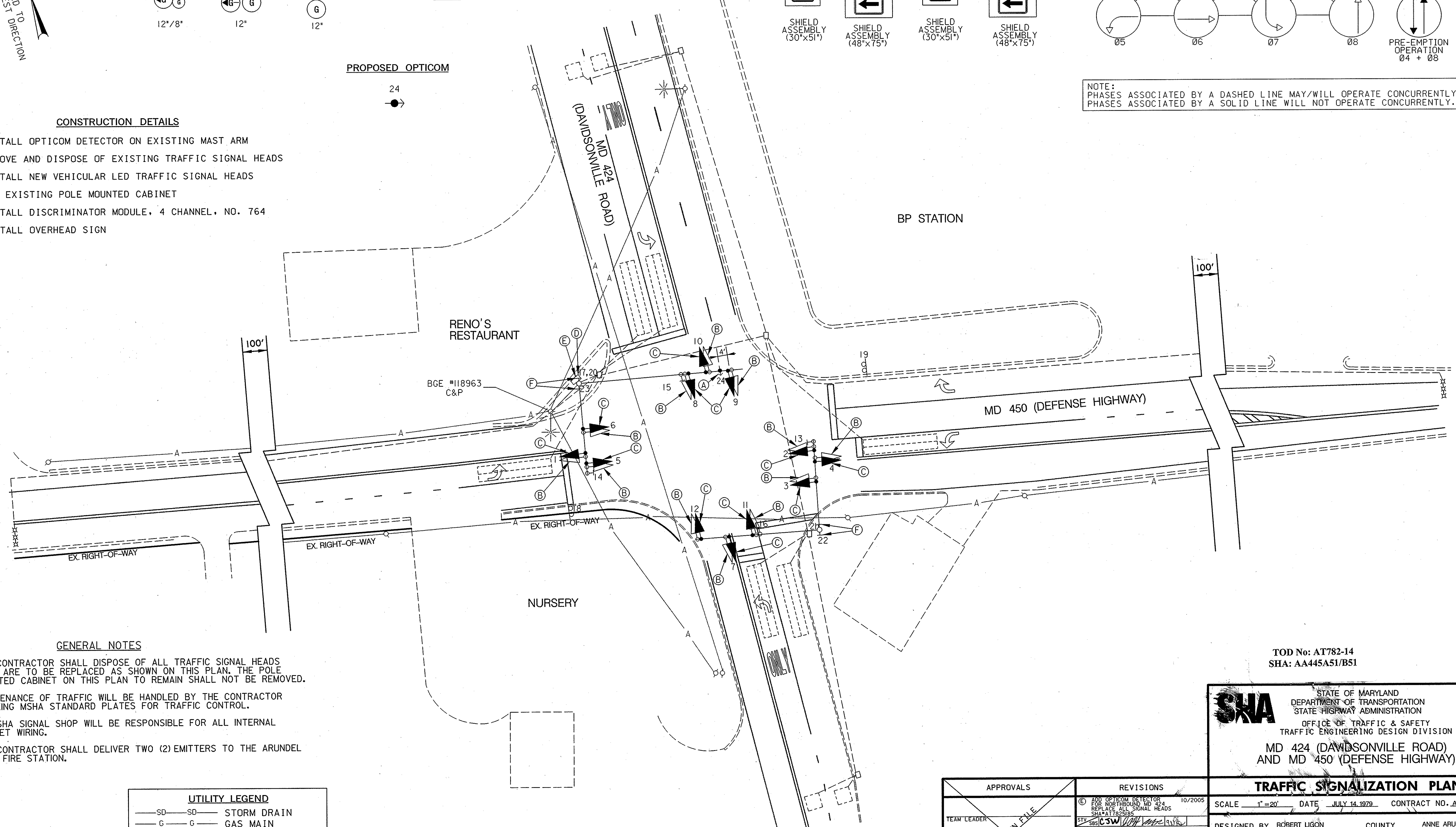
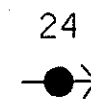


NOTE:
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

- INSTALL OPTICOM DETECTOR ON EXISTING MAST ARM
- REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL HEADS
- INSTALL NEW VEHICULAR LED TRAFFIC SIGNAL HEADS
- USE EXISTING POLE MOUNTED CABINET
- INSTALL DISCRIMINATOR MODULE, 4 CHANNEL, NO. 764
- INSTALL OVERHEAD SIGN

PROPOSED OPTICOM



GENERAL NOTES

- THE CONTRACTOR SHALL DISPOSE OF ALL TRAFFIC SIGNAL HEADS THAT ARE TO BE REPLACED AS SHOWN ON THIS PLAN. THE POLE MOUNTED CABINET ON THIS PLAN TO REMAIN SHALL NOT BE REMOVED.
- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD PLATES FOR TRAFFIC CONTROL.
- THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
- THE CONTRACTOR SHALL DELIVER TWO (2) EMITTERS TO THE ARUNDEL CO 7 FIRE STATION.

UTILITY LEGEND

| | | |
|----|----|------------------|
| SD | SD | STORM DRAIN |
| G | G | GAS MAIN |
| W | W | WATER MAIN |
| S | S | SEWER MAIN |
| E | E | ELECTRIC CABLES |
| A | A | AERIAL CABLES |
| T | T | TELEPHONE CABLES |
| F | F | FIBER-OPTIC |

STV Incorporated

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TOD No: AT782-14
SHA: AA445A51/B51

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 424 (DAVIDSONVILLE ROAD)
AND MD 450 (DEFENSE HIGHWAY)

TRAFFIC SIGNALIZATION PLAN

| APPROVALS | REVISIONS | SCALE | DATE | CONTRACT NO. |
|------------------|-------------------|--------------|---------------|----------------|
| TEAM LEADER | 10/2005 | 1"=20' | JULY 14, 1979 | AA-277-501-585 |
| ASST. DIV. CHIEF | 12/92 | | | |
| DIVISION CHIEF | 10/92 | | | |
| OFFICE DIRECTOR | | | | |
| DESIGNED BY | ROBERT LIGON | COUNTY | ANNE ARUNDEL | |
| DRAWN BY | ROBERT LIGON/ACAD | LOGMILE | 02042405.85 | |
| CHECKED BY | | T.I.M.S. NO. | G931 | |
| F.A.P. NO. | | TOD NO. | | |
| DRAWING NO. | TS-865E | OF | | |
| SHEET NO. | 1 | OF | 2 | |

PLOTTED: MONDAY, OCTOBER 24, 2005 AT 02:25 PM
FILE: I:\PROJECTS\11103\74\01 - MD 424 AT MD 450\G931GP01.DGN